

ABSTRACT

Embodiments may include an interrupt handling system to generate software level interrupts in place of hardware level interrupts. The interrupt handling system may invoke an advanced configuration and power management interface (ACPI) and ACPI source language infrastructure, which provides for an SCI independent mechanism for invoking ACPI ASL code. The ACPI ASL code may in turn be used to alter and configure the power management of a computer system. This interrupt handling system allows for greater flexibility and efficiency by utilizing software based interrupts in place of hardware interrupt to decrease pin counts for chips and allow isolation of system function based on address ranges tied to interrupt sources.